Creative Enzymes®

5-oxoprolinase (ATP-hydrolysing)

Cat. No. EXWM-4510

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in cyclic amides. This enzyme participates in glutathione metabolism.
Synonyms	pyroglutamase (ATP-hydrolysing); oxoprolinase; pyroglutamase; 5-oxoprolinase; pyroglutamate hydrolase; pyroglutamic hydrolase; L-pyroglutamate hydrolase; 5-oxo-L-prolinase; pyroglutamase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.2.9
CAS No.	9075-46-1
Reaction	ATP + 5-oxo-L-proline + 2 H2O = ADP + phosphate + L-glutamate
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.